INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 3

	Complete if Known	
Application Number	10/583,105	
Filing Date	04/23/2007	,,
First Named Inventor	Nadarajah Narendran et al.	
Art Unit	2875	
Examiner Name	Sharon E. Payne	
Attorney Docket No.	RPI-134US	

	·		U.S. PATENT DOCUMENTS			
		Document Number	Dublication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Examiner Initiais*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Figures Appear	
		US-2003/230751	12/18/2003	Harada		
		US-2004/208210	10/21/2004	Inoguchi		
	 	US-2004/217364	11/04/2004	Tarsa		
		US-2006/0034084	02/16/2006	Matsuura et al.		
		US-2006/0044803	03/02/2006	Edwards		
		US-2006/007553	01/12/2006	Bogner		
		US-2006/097385	05/11/2006	Negley		
		US-2006/186429	08/24/2006	Chew		
		US-2006/202219	09/14/2006	Ohashi		
		US-3,875,456	04/01/1975	Kano et al.		
	1	US-6,653,765	11/25/2003	Levinson		
	1	US-				
	1	US-				
	İ	US-				

	FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	ŧ
Examiner Cite Countr		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	(MM-DD-YYYY)	Document	Figures Appear	T _€
		EP 1 160 883 A	12/05/2001	Matsushita Electric Ind. Co. Ltd.		
		EP 1 691 425 A	08/16/2006	Matsushita Electric Works Ltd.		
		EP 1 686 630 A	08/02/2006	Samsung Electronics Co. Ltd., et al.		
		EP 1 696 496 A	08/30/2006	Supernova Optoelectronics Corp.		

Examiner Date Considered	<u> </u>	
	Evaminer	Date
	Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

Applicant's unique citation designation number (optional).

See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Senter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

^{*}Kind of document by the appropriate symbols as indicated on the document under WIPO Standard \$1.16 if possible.

*Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known	
Application Number	10/583,105	
Fifing Date	04/23/2007	
First Named Inventor	Nadarajah Narendran et al.	
Art Unit	2875	<u> </u>
Examiner Name	Sharon E. Payne	
Attorney Docket No.	RPI-134US	

SHEET 2		2 01 3		RPI-134US				
			U.S. PATE	NT D	OCUMENTS			
Examiner Initials*	Cite	Document Number Number - Klnd Code ^{2 (if known)}	Publication C (MM-DD-YY			of Paten of Cited I	tee or Document	Pages, Columns, Lines, Whet Relevant Passages or Releva Figures Appear
111111111		US-				<u> </u>		
		US-						
		US-						
		US-						
		US-						
		US-						·
		US-						
		US-						
		US-						
		US-						
		US-						<u> </u>
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
	<u> </u>	US-						
			FOREIGN PA	ATEN	T DOCUME	NTS		
		Foreign Patent Docum		- Dii	blication Date		of Patentee or licant of Cited	Passages or Relevant
Examiner Initials*	Clte No.1	Country Code ³ - Number ⁴ - Kind	Code ⁵ (If known)	(MM-DD-YYYY)		Document		Figures Appear
		WO 00/24064 A			/27/2000	Sarnoff Corp.		
		WO 2005/107420			/17/2005	Polyt	selaer ech Inst	
		WO 2006/087651		08	/24/2006		nki Philips ronics NV	
Examiner		I.,					Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 3 of 3

	Complete if Known	
Application Number	10/583,105	
Filing Date	04/23/2007	
First Named Inventor	Nadarajah Narendran et al.	
Art Unit	2875	
Examiner Name	Sharon E. Payne	
Attorney Docket No.	RPI-134US	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published	T²
		SONG JAE LEE, Study of Photon Extraction Efficiency in InGaN Light-Emitting Diodes Depending on Chip Structures and Chip-Mount Schemes, Optical Engineering, January 2006, Vol. 45(1), pp. 014601-1-014601-14	
		Search Report from International Application Serial No. PCT/US2007/012311 dated February 15, 2008	
		International Search Report of PCT International Application No. PCT/US2005/015736 dated March 30, 2006 (3 pages)	
	_	KIM J.K. ET AL: "Strongly Enhanced Phosphor Efficiency in GaInN White Light-Emitting Diodes Using Remote Phosphor configuration and Diffuse Reflector Cup" Japanese Journal of Applied Physics, Part 2 (Letters) Japan Soc. Appl. Phys Japan, vol. 44, no. 21, 2005, pages L649-L651	
		Search Report for International Application Serial No. PCT/US2007/013132 dated December 3, 2007	
		KRAMES M.R. ET AL.: "High-power III-nitride emitters for solld-state lighting" Phys. Stat. sol. (a) Wiley-VCH Verlag Berlin GmbH, Berlin, vol. 192, no. 2 (2002) pages 237-245	
		Search Report for International Application Serial No. PCT/US2007/013132 dated January 31, 2008	
	 		
	-		
	-		
	-		

	Date			
Examiner	Consid	dered	1	
Signature	Consid			
Signature				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

'Applicant's unique citation designation number (optional).

'Applicant's to place a check mark here if English language translation is attached.
The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO The collection of information. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form. call 1-800-PTO-9199 (1-800-786-9199) and select option 2.